



UNITED STATES BOTANIC GARDEN

# CALENDAR OF EVENTS

MARCH–MAY 2011

# *The United States Botanic Garden*

**THE UNITED STATES BOTANIC GARDEN** (USBG) is a living plant museum. It is open daily from 10:00 a.m. to 5:00 p.m., free of charge. Exhibits interpret the role of plants in supporting earth's diverse and fragile ecosystems and in enriching human life. The Conservatory and surrounding terraces, Bartholdi Park and National Garden are open to the public. Established by Congress in 1820, the U.S. Botanic Garden is one of the oldest botanic gardens in North America. The Garden has been administered through the Office of the Architect of the Capitol since 1934.

The **CONSERVATORY** houses permanent collections of plants from subtropical, tropical and arid regions and showcases orchids, medicinal, economic, endangered and Jurassic plants. From late May to mid-October, the Conservatory terrace features thematic displays.

**BARTHOLDI PARK** is across Independence Avenue from the Conservatory. Here visitors will find a tapestry of theme gardens surrounding the historic Bartholdi Fountain (currently under conservation). The gardens suggest interesting plants and designs at a scale suitable for the home landscape.

The **NATIONAL GARDEN** is adjacent to the Conservatory. It features a Mid-Atlantic native plant garden, Rose Garden, First Ladies Water Garden, Butterfly Garden and Amphitheater.

The U.S. Botanic Garden is **LOCATED** on the National Mall at the intersection of Maryland Avenue and First Street SW, adjacent to the U.S. Capitol. The address is 100 Maryland Avenue, SW, Washington, DC 20001.

**PARKING** is not available at the U.S. Botanic Garden on weekdays. It is accessible by public transportation. The Federal Center SW Station on the Orange and Blue Lines of Metrorail is at Third and D Streets SW, four blocks from the Garden. Metrobuses 30, 32, 34, 35, and 36 stop at Independence Avenue and First Street SW, between the Conservatory and Bartholdi Park.

**VISITOR SERVICES** offer group tours by appointment. Tours for walk-in visitors are usually offered daily, based on docent availability. Plant information is provided on our plant hotline.

**VISIT OUR WEBSITE** at [www.usbg.gov](http://www.usbg.gov).

## **FOR MORE INFORMATION**

General Information:	202-225-8333
Register for Programs:	202-225-1116
Plant Hotline:	202-226-4785
Volunteer Opportunities:	202-226-1047

# At a Glance

Classes are listed by starting date.

Starting Date	Time	Title	Page
<b>MARCH</b>			
2	10:30 a.m.	Sprouts	10
7	12:00 p.m.	Tour of the Conservatory	10
8	12:00 p.m.	Medicinal and Poison Plants Tour	10
12	10:30 a.m.	Production Facility Open House	11
17	11:30 a.m.	Lemons: Savory & Sweet! Cooking Demonstration	12
18	12:00 p.m.	<i>Chlorophyll in His Veins</i> Book Talk	12
20	2:00 p.m.	Losing Paradise Lecture	13
21	12:00 p.m.	Cooking for the Spring Equinox Cooking Demonstration	13
24	10:00 a.m.	Horticultural Therapy: Applying Principles for Stress Reduction Workshop	14
26	9:00 a.m.	Drawing Vegetables Art Workshop	14
29	12:00 p.m.	Make Your Own Bonsai! Demonstration	15
30	6:30 p.m.	Sustainable Foodscapes Lecture	15

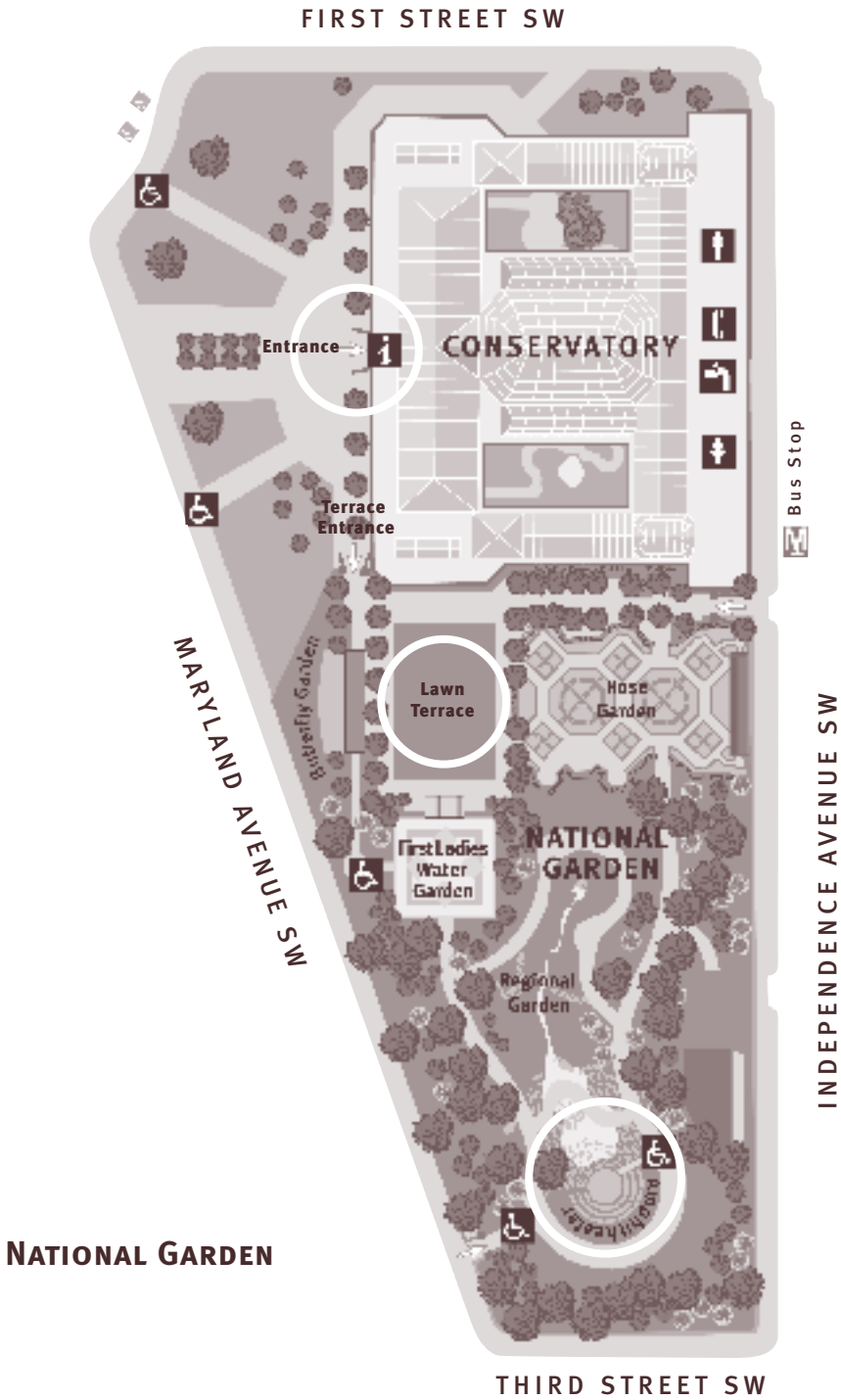
## APRIL

2	9:00 a.m.	Painting Plants in Their Environment Art Workshop	16
2	1:00 p.m.	Tour of the National Garden	16
4	12:00 p.m.	Tour of the Conservatory	17
6	10:30 a.m.	Sprouts	17
8	6:30 p.m.	35 Ways to Photograph a Flower Lecture	18
9	9:00 a.m.	Focus on Flowers Photography Workshop	19
12	12:00 p.m.	Medicinal and Poison Plants Tour	19
19	3:00 p.m.	<i>The Founding Gardeners</i> Book Talk	20
22	10:00 a.m.	Earth Day Open House	21
23	11:00 a.m.	<i>Just a Dream: The Green Play</i> Performance	22
29	12:00 p.m.	Arbor Day Tour of the National Garden	23

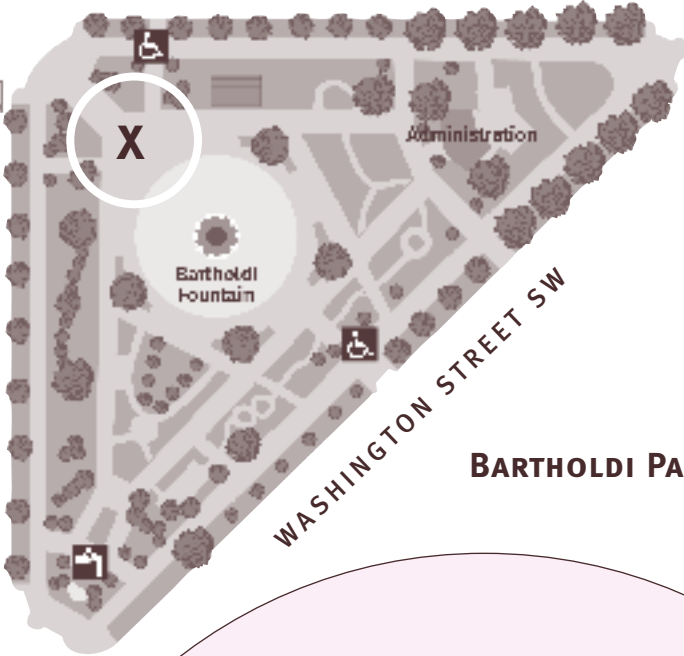
## MAY

2	12:00 p.m.	Tour of the Conservatory	23
4	10:30 a.m.	Sprouts	23
5	11:30 a.m.	Meet the Brassica Family Cooking Demonstration	24
7	10:00 a.m.	6 <sup>th</sup> Annual Herb Day	24
7	1:00 p.m.	Tour of the National Garden	25
8	12:00 p.m.	Mother's Day Rose Garden Tour	25
10	12:00 p.m.	Medicinal and Poison Plants Tour	26
16	12:00 p.m.	Spring Pleasures Cooking Demonstration	26
19	12:00 p.m.	Rose Garden Tour	27
20	10:00 a.m.	Endangered Species Day	28
26	5:30 p.m.	Rose Garden Tour	29

# Class Locations



## INDEPENDENCE AVENUE SW

 Bus Stop

## BARTHOLDI PARK

## MARYLAND AVENUE SW



## CONSERVATORY

## MARCH 2011

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 Sprouts 10:30 a.m.	3	4	5
6	7 Conservatory Tour 12:00 p.m.	8 Medicinal and Poison Plants Tour 12:00 p.m.	9	10	11	12 Production Facility Open House 10:30 a.m.
13	14	15	16	17 Lemons: Savory & Sweet! Cooking Demonstration 11:30 a.m.	18 Chlorophyll in His Veins Book Talk 12:00 p.m.	19
20 Losing Paradise Lecture 2:00 p.m.	21 Cooking for the Spring Equinox Cooking Demonstration 12:00 p.m.	22	23	24 Horticultural Therapy: Applying Principles for Stress Reduction Workshop 10:00 a.m.	25	26 Drawing Vegetables Art Workshop 9:00 a.m.
27	28	29 Make Your Own Bonsai! Demonstration 12:00 p.m.	30 Sustainable Foodscapes Lecture 6:30 p.m.	31		

## APRIL 2011

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2 Painting Plants in Their Environment Art Workshop 9:00 a.m.  Tour of the National Garden 1:00 p.m.
3	4 Conservatory Tour 12:00 p.m.	5	6 Sprouts 10:30 a.m.	7	8 35 Ways to Photograph a Flower Lecture 6:30 p.m.	9 Focus on Flowers Photography Workshop 9:00 a.m.
10	11	12 Medicinal and Poison Plants Tour 12:00 p.m.	13	14	15	16
17	18	19 Revolutionary Gardeners Book Talk 3:00 p.m.	20	21	22 Earth Day Open House 10:00 a.m.	23 Just a Dream: The Green Play Production 11:00 a.m.
24	25	26	27	28	29 Arbor Day Tour of the National Garden 12:00 p.m.	30

## MAY 2011

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Conservatory Tour 12:00 p.m.	3	4 Sprouts 10:30 a.m.	5 Meet the Brassica Family Cooking Demonstration 11:30 a.m.	6	7 6th Annual Herb Day 10:00 a.m.  Tour of the National Garden 1:00 p.m.
8 Mother's Day Rose Garden Tour 12:00 p.m.	9	10 Medicinal and Poison Plants Tour 12:00 p.m.	11	12	13	14
15	16 Spring Pleasures Cooking Demo 12:00 p.m.	17	18	19 Rose Garden Tour 12:00 p.m.	20 Endangered Species Day 10:00 a.m.	21
22	23	24	25	26 Rose Garden Tour 5:30 p.m.	27	28
29	30	31				





# Exhibits

*Exhibits are listed by opening date.*

## **CLOSE: A JOURNEY IN SCOTLAND**

**JANUARY 22 – JUNE 5, 2011**

Drink in the breathtaking beauty of Scotland's gardens through the lens of photographer Allan Pollok-Morris. His five-year study features the work of more than 30 renowned landscape designers and land artists, including Andy Goldsworthy, Charles Jencks, Ian Hamilton Finlay, Arabella Lennox-Boyd and Penelope Hobhouse. Pollok-Morris' photographs are stunning, but clearly the gardens themselves and Scotland are the stars of this exhibit.





## GREEN GENES: MAPPING THE PLANT WORLD

CONSERVATORY TERRACE

MAY 28 – OCTOBER 10, 2011

CONSERVATORY TERRACE

The plant world is at once glorious and confusing. Fortunately, humans have the unique ability to form categories and bring order to the more than 300,000 species of plants. Swedish botanist Carl Linnaeus observed flower parts and in the 18<sup>th</sup> century first defined the current system by which we classify plants. Now scientists are rearranging the plant family “tree of life” by studying the accumulation of changes in so-called “clock genes” that chart the course of evolution. Gardeners can’t see the genes, but they can see our gardens that illustrate some of the surprising and new insights into plant relationships.

## HEROES OF HORTICULTURE

THE CULTURAL LANDSCAPE FOUNDATION

ONGOING

NATIONAL GARDEN PERGOLAS

The plantings in our landscaped spaces are very much a part of our everyday lives, but they can also be living reminders of our country’s heritage. Either formal or vernacular, there are trees and plantings that witnessed historically important people and events that shaped our communities, culture, and nation. They stand as living witnesses of our country’s past and have the potential to bear witness to coming generations. *Heroes of Horticulture*, an exhibit created by The Cultural Landscape Foundation, presents the stories and images of 22 sites across the country where living trees and other plantings connect you directly to moments in our nation’s history.



# Programs

*Programs are listed by start date.*

## CHILDREN'S ACTIVITY

### SPROUTS

#### USBG STAFF

Bring your preschooler (ages 3-5) to the U.S. Botanic Garden for plant-related fun. Each Wednesday session will have varied activities that may include a story, art activity or walk in the garden. Children must be accompanied by an adult. Participating children must be 3 years of age. (Programs in April and May will be a repeat of March.)

Code: FC030211

Dates: Wednesdays, March 2, 9, 16, 23

Time: 10:30 – 11:30 a.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116\*

*\*Please note: Registration opens on Wednesday, February 2*

## TOUR

### LUNCHTIME TOUR OF THE CONSERVATORY

#### USBG VOLUNTEERS

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? The answer is that they all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Mondays, March 7, 14, 21, 28

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration required

## TOUR

### MID-DAY TOUR IN THE GARDEN OF GOOD AND EVIL: MEDICINAL & POISON PLANTS AT THE USBG

#### BETH BURROUS, BIOCHEMIST AND USBG VOLUNTEER

Many important medicines are derived from plants, but too much of a good thing can be dangerous. During a walking tour of the Conservatory, Beth will feature poisonous and medicinal plants growing at the USBG. She will talk about famous, interesting, and sometimes fatal cases of poisoning by plants. You will also see and learn about plants used to make life-saving medicines.

Dates: Tuesday, March 8

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration required

**TOUR**

**U.S. BOTANIC GARDEN PRODUCTION FACILITY OPEN HOUSE**

**USBG STAFF**

Only once each year do we invite the public to see our growing facility, the largest greenhouse complex supporting a public garden in the United States. The site, completed in 1994, includes 85,000 square feet under glass divided into 34 greenhouse bays and 16 environmental zones. In addition to foliage and nursery crops, you'll see all of the USBG collection not currently on display, including orchids, medicinal plants, insectivorous plants and rare and endangered species. Register for one of the tour times to meet the growers, ask questions and wander through this working wonderland of plants.

CODE	TIME
TH031211- 1	10:30 a.m.
TH031211- 2	11:00 a.m.
TH031211- 3	11:30 a.m.
TH031211- 4	12:30 p.m.
TH031211- 5	1:00 p.m.
TH031211- 6	1:30 p.m.

Date: Saturday, March 12  
Location: USBG Production Facility (directions will be provided after registration)  
Friends: FREE  
Non-members: \$5  
Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116



## COOKING DEMONSTRATION

### LEMONS: SAVORY & SWEET!

**DANIELLE C. NAVIDI, COOKING INSTRUCTOR/HOLISTIC NUTRITIONIST**

Citrus is often the ingredient of choice to spark spring menus. Discover savory ways to use lemons, including preserving them and sweet ways to use this versatile citrus in lemon-scented muffins.

Code: DC031711

Date: Thursday, March 17

Time: 11:30 a.m. – 12:30 p.m.

Location: Conservatory Classroom

Friends: \$5

Non-Members: \$10

Pre-registration required: Visit [www.nfusb.org](http://www.nfusb.org) or call (202) 225-1116

## LECTURE

### CHLOROPHYLL IN HIS VEINS BOOK TALK

**BOBBY WARD, AUTHOR**

Bobby Ward, author of *Chlorophyll in His Veins: J.C. Raulston, Horticultural Ambassador* will speak on the life of J.C. Raulston, founder of the North Carolina State University Arboretum, and some of the plants Raulston introduced to provide diversity in our landscapes.

Code: LM031811

Date: Friday, March 18

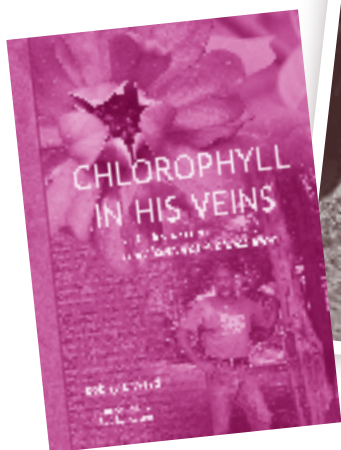
Time: 12:00 – 1:00 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required:

Visit [www.nfusb.org](http://www.nfusb.org) or call

(202) 225-1116



## LECTURE

# LOSING PARADISE? ENDANGERED PLANTS HERE AND AROUND THE WORLD

## *BOTANICAL ARTS SOCIETY OF THE NATIONAL CAPITAL REGION*

Losing Paradise? Endangered Plants Here and Around the World, a traveling exhibition developed by the American Society of Botanical Artists (ASBA), explores the conservation efforts of scientists and illustrators around the globe to preserve threatened and endangered plants. The exhibition was at the Smithsonian Institution National Museum of Natural History from August through December 2010. This slide show of a selection of some of the artworks in the show, the stories behind them and the plants they depict, will be narrated by Alice Tangerini, Staff Illustrator in the Department of Botany, Smithsonian Institution. Her artwork was selected as one of the illustrations in the exhibition.

Code: LA032011

Date: Sunday, March 20

Time: 2:00 – 3:00 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116

## COOKING DEMONSTRATION

# COOKING FOR THE SPRING EQUINOX

## *TANIA MERCER, CHHC, AADP, HOLISTIC HEALTH COUNSELOR, LIVING FOODS CHEF AND INSTRUCTOR*

Celebrate the start of spring! This simple and healthy menu highlights all of the new season's bounties, perfectly ready for your picking and eating pleasure! **Please note:** Menu is subject to change.

- Aromatic Green Pea Soup
- Spring Herbs Salad with Champagne Vinaigrette
- Asparagus and Shiitake Mushroom Risotto

Code: DCo32111

Date: Monday, March 21

Time: 12:00 – 1:30 p.m.

Location: Conservatory Classroom

Friends: \$5

Non-Members: \$10

Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116

## WORKSHOP

### HORTICULTURAL THERAPY: APPLYING PRINCIPLES FOR STRESS REDUCTION

**LANA DREYFUSS LCADC, CRC, HTR, PAST PRESIDENT FOR THE AMERICAN HORTICULTURAL THERAPY ASSOCIATION [WWW.AHTA.ORG](http://WWW.AHTA.ORG)**

Celebrate National Horticultural Therapy Week with the USBG! Horticulture therapy is not only about having a “green thumb.” Lana Dreyfuss will explain the field of horticultural therapy—its principles, practices and techniques for managing a group for horticulture activities. Research shows that the field of horticultural therapy can reduce stress and diminish the symptoms of past trauma through its activities. This program is designed specifically for those who wish to learn about the profession of horticultural therapy and incorporate horticulture into the activities of their facility. The session will end with a hands-on activity.

Code: WTo32411

Date: Thursday, March 24

Time: 10:00 a.m. – 12:00 p.m.

Location: Conservatory Classroom

Friends: \$15

Non-Members: \$20

Pre-registration required: visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116

## WORKSHOP

### DRAWING VEGETABLES

**MARY ELLEN CARSLEY, ARTIST**

This course is designed for the beginning and intermediate student interested in focusing their efforts on developing strong drawing and compositional skills with vegetable subjects. Our study will include: careful study of light, shade and shadow; study of basic compositional principles; exploration of texture and capturing it through various techniques; and study of botanical anatomy, forms and proportions. The instructor will also demonstrate creating stained papers and textured drawing surfaces. **Please note:** A materials list will be provided upon registration. Please bring a lunch.

Code: WAo32611

Date: Saturday and Sunday, March 26-27

Time: 9:00 a.m. – 4:30 p.m.

Location: Conservatory Classroom

Friends: \$150

Non-Members: \$175

Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116



## DEMONSTRATION

### MAKE YOUR OWN BONSAI!

**JACK SUSTIC, CURATOR, NATIONAL BONSAI & PENJING MUSEUM, U.S. NATIONAL ARBORETUM**

Come celebrate the Cherry Blossom Festival by learning how to make your own bonsai! One popular way of making a bonsai is to purchase a plant from your local nursery and style it yourself. Watch and learn as Jack demonstrates the techniques needed to make one of your very own.

Code: DH032911

Date: Tuesday, March 29

Time: 12:00 – 1:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116



## LECTURE

### SUSTAINABLE FOODSCAPES

**SHEPHERD OGDEN, AUTHOR & ADJUNCT PROFESSOR, SHEPHERD UNIVERSITY INSTITUTE OF ENVIRONMENTAL SCIENCE**

Food Deserts. Farmers Markets. Local. Organic. We'll take a broad look at the American food system today to see what's right, what's wrong and what we can actually do to create more nourishing communities, one block, one lot at a time.

Code: LM033011

Date: Wednesday, March 30

Time: 6:30 – 7:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116



## WORKSHOP

### PAINTING PLANTS IN THEIR ENVIRONMENT

**JEAN BRINTON JAECKS, ARTIST**

Artists will have the opportunity to paint spring plants in their environment. Bartholdi Park and the National Garden will be the setting for artists to study, observe and paint a variety of spring plants and flowers. Jean Brinton Jaecks will demonstrate drawing and watercolor techniques for field studies. Individual attention will be given and all levels of artistic ability are welcome.

**Please note:** A materials list will be provided upon registration. Please dress for the outdoors and bring a lunch.

Code: WAO40211

Date: Saturday and Sunday, April 2-3

Time: 9:00 a.m. – 4:30 p.m.

Location: Conservatory Classroom

Friends: \$150

Non-Members: \$160

Pre-registration required:

Visit [www.nfusb.org](http://www.nfusb.org) or call (202) 225-1116



## TOUR

### NATIONAL GARDEN TOUR

**SUSAN OLLING, USBG VOLUNTEER**

Stroll through the National Garden to see trees and shrubs of the Mid-Atlantic region. Enjoy stories surrounding them and learn which would grow well locally in your lawn and/or garden. **Please Note:** This tour is held outdoors. We suggest wearing sunscreen and protective clothing, and bringing water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/Code Red weather alert).

Date: Saturdays, April 2, 9, 16, 23, 30

Time: 1:00 – 2:00 p.m.

Location: National Garden Lawn Terrace

FREE: NO Pre-registration required

## TOUR

### LUNCHTIME TOUR OF THE CONSERVATORY

#### USBG VOLUNTEERS

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? The answer is that they all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Mondays, April 4, 11, 18, 25

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration required

## CHILDREN'S ACTIVITY

### SPROUTS

#### USBG STAFF

Bring your preschooler (ages 3-5) to the U.S. Botanic Garden for plant-related fun. Each Wednesday session will have varied activities that may include a story, art activity or walk in the garden. Children must be accompanied by an adult. Participating children must be 3 years of age. (Programs in April and May will be a repeat of March.)

Code: FCo40611

Dates: Wednesdays, April 6, 13, 20, 27

Time: 10:30 – 11:30 a.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusb.org](http://www.nfusb.org) or call (202) 225-1116\*

*\*Please note: Registration opens on Wednesday, March 2*



## LECTURE

### 35 WAYS TO PHOTOGRAPH A FLOWER

**ALLEN ROKACH, PHOTOGRAPHER; SENIOR PHOTOGRAPHER FOR SOUTHERN LIVING MAGAZINE AND DIRECTOR OF PHOTOGRAPHY AT THE NEW YORK BOTANICAL GARDEN**

Photographers who photograph flowers know how challenging creating a good photograph can be. A successful photograph of a flower depends on a number of important factors: pick a great flower, use the best photographic techniques and maximize your imagination. With a mixture of sparkling insights and illustrated with his evocative photographs, Allen will present tips on creating memorable images on all aspects of outdoor flower photography. “35 Ways to Photograph a Flower” is an inspirational and indispensable guide on how to photograph flowers. This lecture is geared for both the budding and seasoned photographer.

Code: LA040811

Date: Friday, April 8

Time: 6:30 – 8:30 p.m.

Location: Conservatory Classroom

Friends: \$10

Non-Members: \$15

Pre-registration required:

visit [www.nfusb.org](http://www.nfusb.org) or

call (202) 225-1116

*\*Those people registered for the “Focus on Flowers” Workshop are automatically enrolled in “35 Ways to Photograph a Flower” Lecture\**



## WORKSHOP

### FOCUS ON FLOWERS: DISCOVERING THE HIDDEN BEAUTY OF FLORAL PHOTOGRAPHY

**ALLEN ROKACH, PHOTOGRAPHER; SENIOR PHOTOGRAPHER FOR SOUTHERN LIVING MAGAZINE AND DIRECTOR OF PHOTOGRAPHY AT THE NEW YORK BOTANICAL GARDEN**

Photographing the miniature world found in close-ups of flowers is both fascinating and endlessly challenging, especially for the outdoor photographer. In this weekend workshop for intermediate and advanced students of photography, Allen Rokach will share with you his expertise and long experience creating floral close-ups with the goals of helping you define your own aesthetic vision and master the techniques needed to serve that vision.

**Please Note:** Registration in this two-day workshop includes registration in the Friday, April 8 evening lecture.

Code: WAO40911

Dates: Saturday and Sunday, April 9 and 10

Time: 9:00 a.m. – 5:00 p.m.

Location: Conservatory Classroom

Friends: \$185

Non-Members: \$210

Pre-registration required: visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116

## TOUR

### MID-DAY TOUR IN THE GARDEN OF GOOD AND EVIL: MEDICINAL & POISON PLANTS AT THE USBG

**BETH BURROUS, BIOCHEMIST AND USBG VOLUNTEER**

Many important medicines are derived from plants, but too much of a good thing can be dangerous. During a walking tour of the Conservatory and National Garden, Beth will feature poisonous and medicinal plants growing at the USBG. She will talk about famous, interesting and sometimes fatal cases of poisoning by plants. You will also see and learn about plants used to make life-saving medicines.

Dates: Tuesday, April 12

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration required

## LECTURE

### THE FOUNDING GARDENERS BOOK TALK

#### ANDREA WULF, AUTHOR

This beautifully illustrated talk looks at the lives of the founding fathers and how their attitude to plants, gardens, nature and agriculture shaped the American nation. George Washington, John Adams, Thomas Jefferson and James Madison regarded themselves foremost as farmers and plantmen and for them gardening, agriculture and botany were elemental passions, as deeply ingrained in their characters as their belief in liberty for the nation they were creating. In a unique retelling of the creation of America, award-winning historian Andrea Wulf will show how plants, politics and personalities intertwined as never before.

Andrea Wulf was born in India and moved to Germany as a child. She trained as a design historian at Royal College of Art and is the author of *The Brother Gardeners* (long-listed for the Samuel Johnson Prize 2008 and winner of the American Horticultural Society 2010 Book Award) and the co-author (with Emma Gieben-Gamal) of *This Other Eden: Seven Great Gardens and 300 Years of English History*. She has written for *The Sunday Times*, the *Wall Street Journal*, *The Financial Times*, *The Garden* and regularly reviews for several newspapers, including the *Times Literary Supplement*, the *Guardian* and the *New York Times*. She lives in London.

Code: LMO41911

Date: Tuesday, April 19

Time: 3:00 – 4:00 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116





## OPEN HOUSE

### EARTH DAY CELEBRATION

Join us as the USBG celebrates the 41<sup>st</sup> anniversary of Earth Day! Come enjoy a cooking demonstration with Chef Tania Mercer and meet with representatives of environmental organizations from throughout the region. Drop by and learn all the ways that you can make the planet a healthier place and become a more active steward of the plants that support life on earth.

Date: Friday, April 22

Time: 10:00 a.m. – 2:00 p.m.

Location: Conservatory Terrace

FREE: NO Pre-registration required



**PERFORMANCE**

***JUST A DREAM: THE GREEN PLAY***

**ADVENTURE THEATER**

Making the world green isn't just a dream! This eco-friendly play uses puppets, live theatre, magical stage effects and lush sounds to bring the story of Walter, the litterbug, to life. As Walter realizes what he must do to protect the environment, students also learn what it takes to preserve the planet. *Just a Dream*, an enlightening and humorous play, is based on the book by Chris Van Allsburg, award-winning author of *Jumanji* and *The Polar Express*. Presented by Adventure Theatre, the longest-running theatre program for children and families in the Washington metropolitan area.

Date: Saturday, April 23

Time: 11:00 a.m. – 12:00 p.m.

Location: National Garden Amphitheater

FREE: NO Pre-registration required





## TOUR

### ARBOR DAY TOUR OF THE NATIONAL GARDEN

#### **BETH BURROUS, USBG VOLUNTEER**

The first celebration of Arbor Day took place on April 10, 1872. In 1970, President Richard Nixon proclaimed the last Friday in April National Arbor Day. This year, the USBG will celebrate Arbor Day with a stroll through the National Garden to see trees and shrubs of the Mid-Atlantic region. Hear related folktales and stories. **Please Note:** This tour is held outdoors. We suggest wearing sunscreen and protective clothing, and bringing water. The tour is canceled if it rains.

Code: TH042910

Date: Friday, April 29

Time: 12:00 – 1:00 p.m.

Location: National Garden Lawn Terrace

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116

## TOUR

### LUNCHTIME TOUR OF THE CONSERVATORY

#### **USBG VOLUNTEERS**

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? The answer is that they all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Mondays, May 2, 9, 16, 23

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration required

## CHILDREN'S ACTIVITY

### SPROUTS

#### **USBG STAFF**

Bring your preschooler (ages 3-5) to the U.S. Botanic Garden for plant-related fun. Each Wednesday session will have varied activities that may include a story, art activity or walk in the garden. Children must be accompanied by an adult. Participating children must be 3 years of age. (Program in May will be a repeat of March and April.)

Code: FC050411

Dates: Wednesdays, May 4, 11, 18, 25

Time: 10:30 – 11:30 a.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116\*

*\*Please note: Registration opens on Wednesday, April 6*



#### COOKING DEMONSTRATION

### MEET THE BRASSICA FAMILY!

**DANIELLE C. NAVIDI, COOKING INSTRUCTOR/HOLISTIC NUTRITIONIST**

The Brassica family includes some of the healthiest vegetables on the planet. Enjoy recipes incorporating some of its most prominent members, including broccoli, cabbage, kale, cauliflower and Brussels sprouts. Learn a new way to use Brussels sprouts as a “gratin,” how to create an Indian-style cauliflower and what to do to make healthy sautéed kale and cabbage.

Code: DC050511

Date: Thursday, May 5

Time: 11:30 a.m. – 12:30 p.m.

Location: Conservatory Classroom

Friends: \$5

Non-Members: \$10

Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116

#### FESTIVAL

### 6<sup>TH</sup> ANNUAL HERB DAY!

Spend the day in the Conservatory celebrating herbs. Discover the significance of herbs in our lives and the many ways herbs can be used safely and creatively for health, beauty and culinary enjoyment. Enjoy demonstrations, tours, children’s activities, discussions and information tables. You won’t want to miss this amazing opportunity to learn more about herbs!

Date: Saturday, May 7

Time: 10:00 a.m. – 4:00 p.m.

Location: Conservatory

FREE: NO Pre-registration required

## TOUR

### NATIONAL GARDEN TOUR

**SUSAN OLLING, USBG VOLUNTEER**

Stroll through the National Garden to see trees and shrubs of the Mid-Atlantic region. Enjoy stories surrounding them and learn which would grow well locally in your lawn and/or garden. **Please Note:** This tour is held outdoors. We suggest wearing sunscreen and protective clothing, and bringing water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/Code Red weather alert).

Date: Saturdays, May 7, 21, 28

Time: 1:00 – 2:00 p.m.

Location: National Garden Lawn Terrace

FREE: NO Pre-registration required

## TOUR

### MOTHER'S DAY TOUR OF THE ROSE GARDEN

**SHARON HANES, ROSARIAN AND USBG VOLUNTEER**

Is your mom breathtakingly beautiful, a real sweetheart, charming, cuddly or—oh my goodness—ferociously thorny? Is she a city girl or does she prefer rugged, windy sea coasts? Is she spicy and wild, or does she prefer sensible shoes? We have just the right rose and rose story for her. Please note: This tour is held outdoors and meets on the National Garden Lawn Terrace. We suggest wearing sunscreen and protective clothing, and bringing water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/Code Red weather alert).

Code: TH050811

Date: Sunday, May 8

Time: 12:00 – 1:00 p.m.

Location: National Garden Lawn Terrace

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116



## TOUR

### MID-DAY TOUR IN THE GARDEN OF GOOD AND EVIL: MEDICINAL & POISON PLANTS AT THE USBG

**BETH BURROUS, BIOCHEMIST AND USBG VOLUNTEER**

Many important medicines are derived from plants, but too much of a good thing can be dangerous. During a walking tour of the Conservatory and National Garden, Beth will feature poisonous and medicinal plants growing at the USBG. She will talk about famous, interesting and sometimes fatal cases of poisoning by plants. You will also see and learn about plants used to make life-saving medicines.

Date: Tuesday, May 10

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration required

## COOKING DEMONSTRATION

### SPRING PLEASURES

**TANIA MERCER, CHHC, AADP, HOLISTIC HEALTH COUNSELOR, LIVING FOODS CHEF AND INSTRUCTOR**

It's mid-spring and we find ourselves amidst plenty of delicious, seasonable fare—but what to do with all these choices? Here's a menu that takes common springtime ingredients and turns them into a party! **Please note:** Menu is subject to change.

- Quinoa Primavera
- Mussels in White Wine and Fresh Herbs
- Macerated Berries over Lemon Yogurt Cakes

Code: DCo51611

Date: Monday, May 16

Time: 12:00 – 1:30 p.m.

Location: Conservatory Classroom

Friends: \$5

Non-Members: \$10

Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116



## TOUR

### THE USBG MARGARET HAGEDORN ROSE GARDEN

#### *SHARON HANES, ROSARIAN AND USBG VOLUNTEER*

Beautiful, versatile, timeless, the rose is the U.S. national flower. Opening in 2006, the Margaret Hagedorn Rose Garden is a formal garden space dedicated to growing the rose without the use of fungicides or insecticides. The roses growing in the garden have been selected from many classes of roses grown today, both “Old Roses” and “Modern Roses.” Which rose did Teddy Roosevelt demand for his lapel? Which rose did pioneer moms tuck into barrels of flour along with their china as they headed West in covered wagons? Which rose is so persistent and resilient that it is perfectly happy in today’s Manhattan? Come stroll the paths, hear the roses’ stories, and see our beautiful organic rose garden! **Please note:** This tour is held outdoors and meets on the National Garden Lawn Terrace. We suggest wearing sunscreen and protective clothing, and bringing water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/Code Red weather alert).

Date: Thursday, May 19

Time: 12:00 – 1:00 p.m.

Location: National Garden Lawn Terrace

FREE: No Pre-registration required

**OPEN HOUSE**

**ENDANGERED SPECIES DAY CELEBRATION**

***THE UNITED STATES BOTANIC GARDEN HOSTS THE ENDANGERED SPECIES COALITION***

Endangered Species Day is an opportunity to learn about the importance of protecting endangered species and everyday actions that can help protect our nation’s disappearing wildlife. There will be tours of the USBG’s endangered species and native plant collections and more than 20 booths focusing on endangered plants. Presentation topics will include endangered plants, endangered and at-risk pollinators and work that you can do at home.

Date: Friday, May 20  
Time: 10:00 a.m. – 2:00 p.m.  
Location: Conservatory  
FREE: NO Pre-registration required





## TOUR

### THE USBG MARGARET HAGEDORN ROSE GARDEN

#### *SHARON HANES, ROSARIAN AND USBG VOLUNTEER*

Beautiful, versatile, timeless, the rose is the U.S. national flower. Opening in 2006, the Margaret Hagedorn Rose Garden is a formal garden space dedicated to growing the rose without the use of fungicides or insecticides. The roses growing in the garden have been selected from many classes of roses grown today, both “Old Roses” and “Modern Roses.” Which rose did Teddy Roosevelt demand for his lapel? Which rose did pioneer moms tuck into barrels of flour along with their china as they headed West in covered wagons? Which rose is so persistent and resilient that it is perfectly happy in today’s Manhattan? Come stroll the paths, hear the roses’ stories, and see our beautiful organic rose garden! **Please note:** This tour is held outdoors and meets on the National Garden Lawn Terrace. We suggest wearing sunscreen and protective clothing, and bringing water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/Code Red weather alert).

Code: TH052611

Date: Thursday, May 26

Time: 5:30 – 6:30 p.m.

Location: National Garden Lawn Terrace

FREE: Pre-registration required: Visit [www.nfusbg.org](http://www.nfusbg.org) or call (202) 225-1116







# USBG Programs on Your Schedule

## GARDEN TOURS ON YOUR CELL PHONE

Now you can have a private tour of the gardens and plants at the U.S. Botanic Garden Conservatory and National Garden. You are invited to use this tour when you visit or listen from home.

### HOW THE TOUR WORKS:

- Dial the tour number: 202-730-9303.
- Enter the number for the message.
- Smartphone users: After dialing the tour number you will be sent a text message with instructions for streaming audio access.

### CONSERVATORY

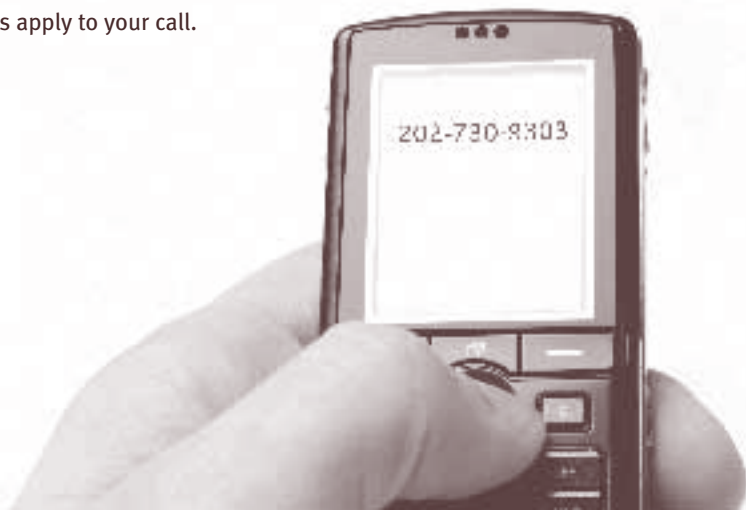
- 1 – USBG Brief History
- 10 – Garden Court
- 20 – West Gallery
- 30 – Rare & Endangered Plants
- 40 – Plant Exploration
- 50 – Orchids
- 60 – Medicinal Plants
- 70 – World Deserts
- 80 – Hawaii
- 90 – Garden Primeval
- 100 – Plant Adaptation
- 120 – Children's Garden
- 130 – Jungle
- 140 – Southern Exposure

### NATIONAL GARDEN

- 700 – National Garden Overview
- 705 – Regional Garden
- 710 – Butterfly Garden
- 715 – Rose Garden
- 720 – Piedmont vs. Coastal Plain
- 725 – Stream
- 730 – Cycle of Fire
- 735 – Sustainability
- 740 – Amphitheater
- 745 – First Ladies Water Garden
- 750 – Lawn Terrace

You may hang up and redial the tour at anytime. During the tour, you can control the audio by pressing 1 to rewind the recording, 2 to pause/play the recording, or press # to skip the recording.

Normal fees apply to your call.



## JUNIOR BOTANIST PROGRAM

Hey Kids! The U.S. Botanic Garden is looking for ... Junior Botanists! Who are these strange green life forms among us? Since they make our lives possible, it's a good idea to get to know them! **You** can become an Apprentice Junior Botanist by asking for an Adventure Folder and exploring our Conservatory. Bring along an adult advisor with an official ID (e.g., a driver's license) so you can check out a backpack filled with cool tools to use during your explorations. Follow up your visit to the USBG with an at-home activity and apply to become not just an apprentice, but an official USBG Junior Botanist. The program is free.

Junior Botanists receive:

- A certificate signed by our Botanist
- An explorer's lens and official field journal
- A secret password available ONLY to Junior Botanists to gain access to a hidden webpage
- Future assignments from the U.S. Botanic Garden. You can help us by observing plants where you live and reporting back to our Botanist. You can be part of current and future projects to keep watch on our plant world.



# Certificate in Botanical Art + Illustration

## CERTIFICATE PROGRAM: 10 CREDITS OF REQUIRED COURSES AND 5 CREDITS OF ELECTIVE COURSES (15.0 CREDITS TOTAL)

The Corcoran College of Art + Design, in partnership with the U.S. Botanic Garden, is proud to offer a certificate in botanical art and illustration. This program provides an in-depth focus on the traditions, techniques and history of botanical art and illustration. Students have the opportunity to study contemporary concepts and materials, and to integrate this knowledge into the well-established and highly regarded field of botanical art and illustration.

Beginning foundation courses emphasize the accurate and detailed depiction of botanical forms. This group of electives, including watercolor, oil painting, clay and photography, will broaden each student's experience and knowledge. Courses are taught at both the Corcoran's Georgetown and Downtown campuses as well as at the United States Botanic Garden.

### SEVEN (7) REQUIRED COURSES FOR A TOTAL OF 10.0 CREDITS:

BG2200	Botany for Illustrators	(1 credit)
DR1400	Introduction to Botanical Drawing	(1.5 credits)
DR1000-level	Any drawing course	(1.5 credits)
DR1260	Color Theory	(1.5 credits)
DR2400	Intermediate Botanical Drawing	(1.5 credits)
PT1350	Introduction to Botanical Painting	(1.5 credits)
PT2400	Intermediate Botanical Painting	(1.5 credits)

### A MAXIMUM OF 10 ELECTIVE COURSES FOR A TOTAL OF 5.0 CREDITS MAY BE CHOSEN FROM THE FOLLOWING:

DR160x/DR360x	Special Topics in Botanical Illustration
PT160x/PT360x	Special Topics in Botanical Illustration
	Any 1000-level or above "BG" course

If you are interested in taking a class offered at the USBG for credit toward the Certificate in Botanical Art and Illustration, please register with the Corcoran College of Art + Design at (202) 639-1820 or [www.corcoran.edu/ce](http://www.corcoran.edu/ce). The USBG will accept only noncredit registrations.



## WHAT IS THE NATIONAL FUND?

The National Fund for the United States Botanic Garden was established by Public Law 100–458 to fund and build the National Garden. The National Fund now supports the educational activities of the USBG, including the National Garden Internship, an annual program that promotes “green” gardening practices through education and outreach.

Find out more at [www.nfusb.org](http://www.nfusb.org).

## PARTNERS IN EDUCATION: THE USBG AND THE NATIONAL FUND

The U.S. Botanic Garden and the National Fund for the United States Botanic Garden jointly sponsor our public programs. Registration fees for programs are administered by the National Fund for the USBG. These fees allow us to bring you a range of educational programs, as well as outstanding instructors and lecturers. To ensure that we may adequately plan for your attendance, please register in advance for programs. Programs with inadequate registration may be canceled.

## *Become a Friend of the Garden*

Please join us by becoming a Friend of the Garden and help us fund the U.S. Botanic Garden’s many on-site environmental and outreach programs. Contributions are tax-deductible. Membership benefits are listed below:

### **CAPITOL FRIEND (\$1,000 PER YEAR)**

- 6 Complimentary guest admissions to all National Fund events
- Private catered picnic lunch and guided tour of the National Garden
- All membership benefits listed below

### **FIRST FRIEND (\$250 PER YEAR)**

- 2 Complimentary guest admissions to Spring Cocktail Reception
- Invitation to Summer Harvest Event
- All membership benefits listed below

### **FRIEND (\$75 PER YEAR)**

- Invitation to December members-only event at the Conservatory
- Discount on all educational programs sponsored by the USBG
- Priority registration for very popular programs
- Quarterly Calendar of Events

# ABOUT REGISTRATION

- Class sizes are limited. Early registration is recommended.
- To register online for programs, go to the National Fund for the U.S. Botanic Garden website at [www.nfusbg.org](http://www.nfusbg.org).
- To register by fax, complete the form and fax to 202-225-1561.
- To register by mail, complete the form and send to: Registrar, U.S. Botanic Garden, 245 First St., SW, Washington, DC 20024.
- To register by telephone with a credit card, call 202-225-1116.
- Registration fees must be paid in advance. Payment cannot be accepted at the door.
- The U.S. Botanic Garden reserves the right to substitute instructors or cancel programs when necessary.
- Registration fees will be refunded only in the case of program cancellation by the U.S. Botanic Garden.

## USBG PROGRAM REGISTRATION FORM

Please print

Name: Mr. & Mrs./Mr./Ms. \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (Required) Daytime \_\_\_\_\_ Evening \_\_\_\_\_

E-mail Address \_\_\_\_\_

- Please indicate (X)
- ☐ I am a current FRIEND.
  - ☐ I would like to become a FRIEND. \$75
  - ☐ I would like to become a FIRST FRIEND. \$250
  - ☐ I would like to become a CAPITOL FRIEND. \$1,000

Program Code	Title	# of Participants	Fees
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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FRIEND membership \_\_\_\_\_

Make check payable to NFUSBG or charge to

☐ Visa ☐ Mastercard ☐ Discover Total Fees \_\_\_\_\_

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

Mail registration form to: Registrar, U.S. Botanic Garden, 245 First St., SW, Washington, DC 20024

UNITED  
STATES



245 First Street, SW  
Washington, DC 20024

BOTANIC  
GARDEN